

Federal Communications Commission

NEXT GENERATION TELEVISION BROADCAST STATION LICENSE

Licensee/Permittee

KDSM Licensee, LLC
1200 Seventeenth Street NW
Washington, DC, 20036

Call Sign	File Number
KDSM-TV	0000212160

Facility ID: 56527**NTSC TSID:** 918**Digital TSID:** 919**This License Modifies License No.** BLCDT-20110609ABE**ATSC 3.0**

Grant Date 03/17/2023	Expiration Date 02/01/2022
Hours of Operation Unlimited	
Station Location City DES MOINES State IA	Frequency (MHz) 482.0 - 488.0 Station Channel 16
Facility Type Commercial	

Antenna Structure Registration Number 1061304	
Transmitter Type Accepted. See Sections 73.1660, 73.1665 and 73.1670 of the Commission's Rules.	Transmitter Output Power(kW) As required to achieve authorized ERP.
Antenna Coordinates Latitude 41-49-48.0 N Longitude 93-36-54.6 W	Antenna Type Directional
Description of Antenna Make DIE Model TFU-28GTH-R 06SP DC	

Antenna Beam Tilt (Degrees Electrical) 1	Antenna Beam Tilt (Degrees Mechanical @ Degrees Azimuth) Not Applicable
Major Lobe Directions 170.0	Maximum Effective Radiated Power (Average) 1000 kW 30.00 DBK
Height of Radiated Center Above Ground (Meters) 599	Height of Radiated Center Above Mean Sea Level (Meters) 902.9
Height of Radiated Center Above Average Terrain (Meters) 612	Overall Height of Antenna Structure Above Ground (Meters) See the registration for this antenna structure.

Waivers/Special Conditions

- The license expiration date provided herein is tolled pursuant to 47 U.S.C. §307(C)(3) pending a final decision on the stations license renewal application. Furthermore, this license is subject to any action taken by the Commission on the renewal application.

ATSC 1.0

Call Sign Facility ID

WHO-DT	66221
--------	-------

Grant Date 03/17/2023	Expiration Date 02/01/2022
Hours of Operation Unlimited	
Station Location City DES MOINES State IA	Frequency (MHz) 210.0 - 216.0
Facility Type Commercial	Station Channel 13

Antenna Structure Registration Number 1043707	
Transmitter Type Accepted. See Sections 73.1660, 73.1665 and 73.1670 of the Commission's Rules.	Transmitter Output Power(kW) As required to achieve authorized ERP.
Antenna Coordinates Latitude 41-48-33.0 N Longitude 93-36-54.0 W	Antenna Type Non-Directional

Description of Antenna Make RCA Model TBF-18AH(S)	
Antenna Beam Tilt (Degrees Electrical) 0.9	Antenna Beam Tilt (Degrees Mechanical @ Degrees Azimuth) Not Applicable
Major Lobe Directions N/A	Maximum Effective Radiated Power (Average) 36.5 kW 15.62 DBK
Height of Radiated Center Above Ground (Meters) 592	Height of Radiated Center Above Mean Sea Level (Meters) 893.2
Height of Radiated Center Above Average Terrain (Meters) 600	Overall Height of Antenna Structure Above Ground (Meters) See the registration for this antenna structure.

Waivers/Special Conditions

Subject to the provisions of the Communications Act of 1934, as amended, subsequent acts and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions set forth in this permit, the permittee is hereby authorized to construct the radio transmitting apparatus herein described. Installation and adjustment of equipment not specifically set forth herein shall be in accordance with representations contained in the permittee's application for construction permit except for such modifications as are presently permitted, without application, by the Commission's Rules.

Equipment and program tests shall be conducted only pursuant to Sections 73.1610 and 73.1620 of the Commission's Rules.